

Title (en)

COMPUTER-AIDED LOCALIZATION OF SITE OF ORIGIN OF CARDIAC ACTIVATION

Title (de)

COMPUTERGESTÜTZTE LOKALISIERUNG DER URSPRUNGSORTE VON HERZAKTIVIERUNGEN

Title (fr)

LOCALISATION ASSISTÉE PAR ORDINATEUR D'UN SITE D'ORIGINE D'ACTIVATION CARDIAQUE

Publication

EP 2723230 B1 20190828 (EN)

Application

EP 12802549 A 20120620

Priority

- US 201161501036 P 20110624
- CA 2012050410 W 20120620

Abstract (en)

[origin: WO2012174660A1] A method for quantifying, during pacemapping, a comparison of a BSPM of interest to a pace site BSPM. The method may include receiving at a computing device a plurality of ECG signals from an acquisition system. The pace site BSPM may be calculated using the plurality of ECG signals. The BSPM of interest may be compared to the pace site BSPM, by: retrieving the BSPM of interest from memory accessible by the computing device; and, calculating one or more comparison metrics for the BSPM of interest as compared to the pace site BSPM. An indication of similarity between the BSPM of interest and the pace site BSPM based on the comparison metric calculated may be displayed on a user interface in communication with the computing device.

IPC 8 full level

A61B 5/0402 (2006.01); **A61B 5/0408** (2006.01)

CPC (source: EP US)

A61B 5/0205 (2013.01 - US); **A61B 5/282** (2021.01 - EP US); **A61B 5/318** (2021.01 - EP US); **A61B 5/327** (2021.01 - EP US); **A61B 5/7246** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012174660 A1 20121227; AU 2012272491 A1 20140123; AU 2012272491 B2 20170119; CA 2840011 A1 20121227; EP 2723230 A1 20140430; EP 2723230 A4 20150121; EP 2723230 B1 20190828; IL 230012 B 20181031; US 10039454 B2 20180807; US 2014163395 A1 20140612

DOCDB simple family (application)

CA 2012050410 W 20120620; AU 2012272491 A 20120620; CA 2840011 A 20120620; EP 12802549 A 20120620; IL 23001213 A 20131217; US 201214128842 A 20120620